

Change RBR attributes

RBR_id	req_key	req_category	segment	req_type	s_verification_method	s_verification_status	a_verification_method	a_verification_status	text	interpretation text
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96-0895 A

Revision A changes the interpretation text for the following RBRs: PGS-0470#A, PGS-0480#A, PGS-0512#A, PGS-0602#A, PGS-1140#A

PGS-0455#A	4180	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to assess the quality of spacecraft orbit and attitude (O/A) data contained in the ancillary data. QA shall be in the form of limits checking.	
PGS-0470#A	4182	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to produce each Standard Product as specified in that product's Standard Product specification.	A: CERES, LIS
PGS-0480#A	4183	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to perform all its processing based on priority.	A: CERES, LIS
PGS-0512#A	4187	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall generate unique granule IDs for all products generated at the PGS.	A: CERES, LIS
PGS-0520#A	4188	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to generate data products from any single data input or combination of data inputs according to the algorithms provided by the scientists.	A: SDPF generated L0 data.
PGS-0602#A	4192	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to accept POSIX-compliant science algorithms and compile algorithm source code written in a standard programming language (e.g., Fortran, C, Ada).	A: CERES, LIS
PGS-0650#A	4198	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to validate required operational algorithm characteristics prior to scheduling algorithm test time. These characteristics shall include at a minimum: a. Language b. Operational impacts (e.g., algorithm software size, required resources) c. Algorithm documentation d. Data handling standards as appropriate e. Units and models used f. Operational compatibility g. Required metadata outputs	
PGS-0860#A	4199	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to schedule and coordinate algorithm and calibration coefficient test time in the test environment with the appropriate SCF.	A: Manual scheduling.

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PGS-0910#A	4202	mission essential	SDPS	functional	test analysis	un-verified	test	un-verified	The PGS shall have the capability to support analysis of algorithm test results.	
PGS-0970#A	4221	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall provide \$file access subroutines that enforce compliance with the adopted standard ECS formats.	
PGS-0980#A	4222	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall provide job control routines that provide all required task parameters to the Standard Product software.	
PGS-0990#A	4223	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall provide error logging subroutines for use by Standard Product software in notifying the system operators of conditions requiring their attention.	
PGS-1000#A	4225	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall provide error logging subroutines for use by Standard Product software in notifying users of conditions requiring their attention.	
PGS-1015#A	4228	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall provide ancillary data access subroutines that provide Standard Product software access to ephemeris data (e.g., solar, lunar, and satellite ephemeris), Earth rotation data, and time and position measurement data. These subroutines shall perform operations such as: a. Interpolation b. Extrapolation c. Coordinate system conversion	
PGS-1025#A	4232	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall provide a Science Processing Library containing routines such as: a. Image processing routines b. Data visualization routines c. Graphics routines	
PGS-1050#A	4236	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall provide the capability to perform both automatic and manual QA of generated products.	
PGS-1060#A	4238	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to perform automatic QA of generated products utilizing algorithms provided by the scientists.	
PGS-1080#A	4240	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to provide an inventory and review copy of generated products to the data product quality staff before the product is sent to the DADS for storage.	

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PGS-1090#A	4243	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to provide the data product quality staff with the algorithms, calibration coefficient tables, input data sets, or other information related to product processing for the purpose of reviewing and analyzing the quality of production.	
PGS-1100#A	4246	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to accept product quality data input.	This requirement supports manual and automatic QA.
PGS-1110#A	4248	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to associate data quality with a generated product.	
PGS-1120#A	4249	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall send the DADS updated metadata provided by the data product quality staff relating to product QA review. This QA review metadata shall contain the following information at a minimum. a. Product ID b. QA Approval field c. Other metadata	
PGS-1140#A	4253	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall have the capability to provide the data product quality staff with the Product QA data from the SCF.	A: CERES, LIS
PGS-1210#A	4265	mission essential	SDPS	functional	test	un-verified	test	un-verified	The PGS shall coordinate the disposition of PGS data stored temporarily in the DADS.	
PGS-1315#A	4296	mission essential	SDPS	performance	analysis	un-verified	analysis	un-verified	Each PGS shall have the capacity to support I/O to temporary and intermediate storage or multiple passes over input products as required by individual science algorithms.	A: TRMM
PGS-1400#A	4298	mission fulfillment	SDPS	functional	test	un-verified	test	un-verified	The PGS shall be developed with configuration-controlled application programming interfaces (APIs) that will be capable of supporting development and integration of new algorithms developed at each DAAC to support DAAC value-added production.	